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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/621,286

07/17/2003

Adrian Chandley

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2492

23377

7590

10/08/2004

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EXAMINER

PAPE, ZACHARY

ART UNIT

PAPER NUMBER

2835

DATE MAILED: 10/08/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/621,286

Applicant(s)

CHANDLEY, ADRIAN

Examiner

Zachary M. Pape

Art Unit

2835

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 7-17-2003.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 17 July 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                        | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)               | Paper No(s)/Mail Date. _____  |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date <u>7-17-2003</u> .   | 6) <input type="checkbox"/> Other: _____                                    |

## **DETAILED ACTION**

### ***Claim Rejections - 35 USC § 112***

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claims 10 and 14 rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. It is unclear as to which external computer applicant is referring to in the claims. As an example in claim 10 line 5, the claim mentions "a communication interface for communicating with at least one external computer" when in line 9 refers again to "at least one external computer". As another example, claim 14 reads "...for communicating with at least one external computer...". It is unclear which external computer this refers to.

### ***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-20 rejected under 35 U.S.C. 103(a) as being unpatentable over Kamijo et al. (Patent # 6,538,880) in view of Harrell et al. (Patent # 6,778,519).

With respect to claims 1 and 10, Kamijo et al. teaches the laptop computer (110) as a docking station for receiving mobile computer (120) in port 1110. The docking

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station 110 receives data from the mobile computer via interface (Column 3, Lines 64-66 for example). The docking station can communicate to the mobile computer remotely via RF, Bluetooth, or infrared transmissions.

Kamijo et al. fails to specifically teach the laptop docking station communicating with an additional external computer.

Harrell teaches docking station 60 allowing remote docking and interfacing to occur between a variety of computer systems including LAN's (Column 1, Lines 42-51).

It would have been obvious to one of skill in the art at the time the invention was made for the device of Kamijo et al. to communicate with any number of remote computers in view of the conventionality of using remote communications as taught by Harrell. Motivation to provide remote access include increased productivity and quality by providing access to information that is connected wirelessly to a LAN.

With respect to claim 2 and 11, Kamijo et al. teaches that a notebook PC be used to accept the input/output device thus acting as the docking station. Inherent to a notebook PC is an integrated display.

With respect to claim 3, Kamijo et al. teaches that the port comprises connectors (Column 4, Lines 53-54).

With respect to claim 4, Kamijo et al. teaches the use of an input/output device (PDA). It is inherent that such a device have a casing or chassis.

With respect to claim 5 and 12, the PDA of Kamijo et al. is a mobile computer.

With respect to claims 6,7, and 13, Kamijo et al. teaches the use of a laptop PC as a docking station for the input/output device. Inherent in a laptop PC are devices including a keyboard and a receptacle for receiving electrical power.

With respect to claims 8 and 14, Kamijo et al. teaches that the input/output device includes a transmitter/receiver (462) to communicate wirelessly with other devices. Kamijo et al. further discloses that the input/output device can operate with the notebook PC through such communication (Column 5, Line 46).

With respect to claims 9 and 20, Kamijo et al. teaches the use of the input/output device with a CPU (455) having the ability to dock to the laptop PC.

With respect to claims 14 –19, Kamijo et al. as modified by Harrell et al. teaches the use of wireless communication via RF transmissions between multiple computer systems.

With respect to claim 16, Harrell et al. discloses in Figure 1 the RF link between a computer and another computer or a plurality of peripheral devices (Column 5, Lines 7-8).

With respect to claim 17, Harrell et al. discloses that laptop computers can be interfaced together through the use of RF transmissions. (Column 1, Line 14)

With respect to claim 18, Harrell et al. discloses that the peripheral devices be interfaced through a remote docking station (Column 5, Lines 11 – 12).

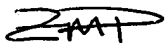
With respect to claim 19, Kamijo et al. teaches that the laptop computer connect remotely to the input/output device (PDA) via infrared, Bluetooth, or RF. (Column 3-4, Lines 64-2)

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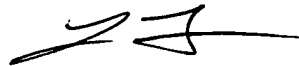
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Zachary M. Pape whose telephone number is 571-272-2201. The examiner can normally be reached on Mon. - Thur. & every other Fri. (8:00am - 5:00pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynn Feild can be reached on 571-272-2092. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



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